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University of Arkansas Bulletin

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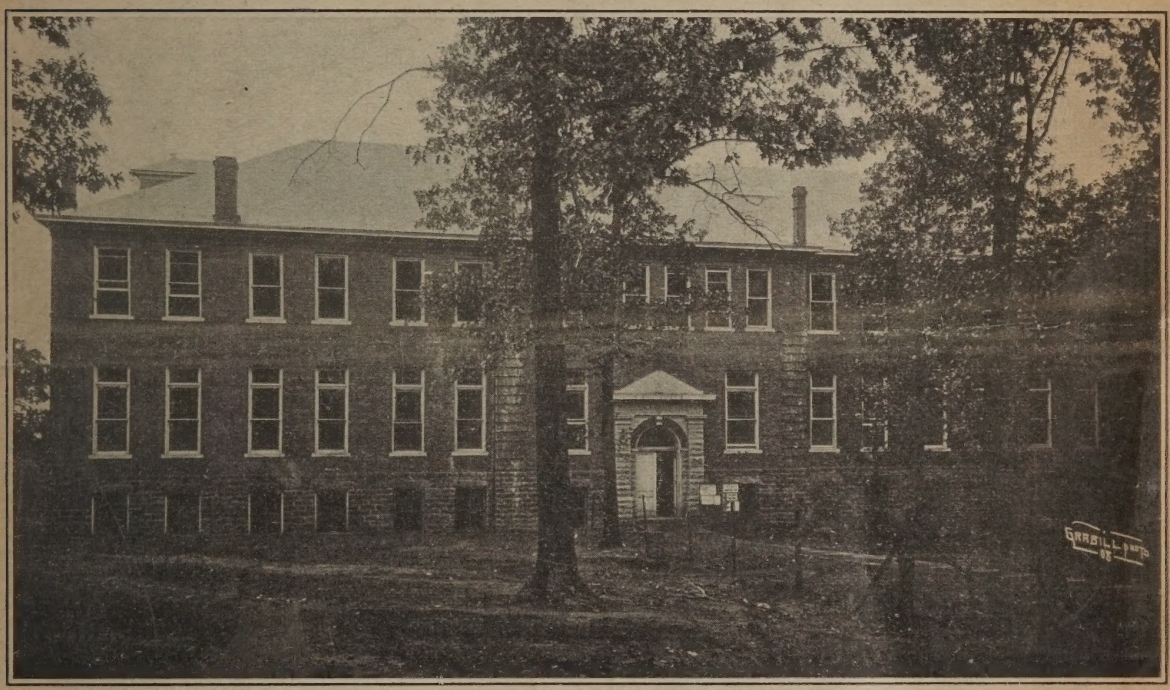

ENGINEERING HALL

PUBLISHED BY THE UNIVERSITY OF ARKANSAS ISSUED QUARTERLY

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UNIVERSITY HALL

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University of Arkansas

Historical Statement

Congress in 1862 laid the foundation for the University of Arkansas and other land grant colleges of the United States, by offering to each state 30,000 acres of public land for each senator and representative in congress. In 1871 the general assembly of Arkansas accepted the offer of congress, and passed an act directing that the "Arkansas Industrial University" be located by the Board of Trustees at the town or city which should make the highest and best bid in money, or bonds, or real and personal property; that the Board of Trustees, in locating the University, should take into consideration the health, accessibility and other vital interests upon which the success of the institution might depend; and that such location, when made, should be irrevocable. In accordance with the provisions of this Act, Fayetteville and Washington County gave $130,000 in thirty-year eight-per-cent bonds to secure the location of the institution, and in January, 1872, the doors were opened to students. In 1899 the name was changed by legislative enactment to the "University of Arkansas." The state has been the constant friend of the University, and by appropriations has broadened its scope, so as to include the liberal, as well as the applied arts. Since its foundation the University has had a history of continuous growth and expansion.

Location

The University is located in Fayetteville, a handsome city in the heart of the Ozark Mountains, 1,500 feet above sea level. Its record proves it to be one of the most healthful places in the South. Of 5,000 students matriculated n the last six years, the annual death rate has been less than one in a thousand. The excellence of this showing can be seen by a comparison with the large cities of the country, in which mortality records are carefully kept. The most healthful of these cities has an annual death rate of nine per 1,000 of population, or nine times as great as that of the student body at Fayetteville.

The mountain scenery surrounding the University is charming in variety and beauty.

With a population of 7,500, Fayetteville has the advantages without the attendant evils of larger cities. For more than half a century the citizens have been distinguished for their morality and culture. The environment is favorable to the highest physical and moral development. By a special law, no intoxicants can be sold or given away within five miles of the University.

Teachers

The most important feature in education is the teacher; in this respect, the University deserves the esteem and confidence of the public. Exclusive of the Medical and Law Schools and the Branch Normal College, the corps of instructors consists of eighty-five professors, instructors and other officers. They are skilled specialists, and have been trained in the leading universities of America and Europe. Among the universities represented by graduates in the faculty are the following: University of Arkansas, University of Chicago, Columbia University in the City of New York, Cornell, Johns Hopkins, Oxford, University of Virginia, Yale, Harvard, University of Missouri, etc. These professors are not only scholars but broad-gauged men who relate their class-room instructions to the world about them.

DORMITORY FOR WOMEN

Buildings and Grounds

Among the present buildings are: University Hall, 122x214 feet, five stories high; four dormitories, Engineering Hall, mechanical shops, experiment station buildings, greenhouse, agricultural building, dairy building, chemistry building, hospital, educational building, extensive campus and other grounds amounting to 160 acres. These buildings and grounds with their equipment represent a value of $1,000,000. There are accommodations for 1,500 students.

Library

The library is one of the most important features of university life. While used by all students and teachers freely, it is the laboratory of those interested in history, political economy, language, etc. The general library contains over 14,000 bound volumes, besides maps, pamphlets, and current literature. A good reading room is maintained. There are several departmental libraries containing about 5,000 books.

Laboratories

To meet the demands for laboratory methods the University has provided well-equipped laboratories in biology, chemistry, agriculture, mechanical engineering, civil engineering, electrical engineering, cotton, soils, entomology, plant pathology, horticulture, bacteriology, dairying, geology and physics. Practical laboratory instruction is given in all scientific subjects. The student at the University of Arkansas graduates not merely with knowledge of something, but with ability to do something.

Museum

The museum is equipped with relief maps, minerals, fossils, birds, reptiles, amphibians, fishes, arthropods and a series of osteological specimens. The idea behind the museum is to portray the natural history of Arkansas as found in her geological strata as well as in her climate, fauna and flora. To this end collections have been brought together, models and casts made, and records published in various reports. Arkansas is unusually blest with a varied fauna and flora, both extinct and recent, and the University of Arkansas furnishes splendid opportunities to the student of such subjects.

Literary Societies

Six flourishing literary societies are maintained by the students. These organizations afford an excellent opportunity for improvement in composition, declamation and debate, and for acquiring some knowledge of parliamentary forms. Public speaking quickens the reasoning power and trains one to think on his feet. This experience and the knowledge of parliamentary law widen a man's influence in any community. Several prizes are offered to stimulate society work. Intercollegiate debates are held annually. Besides the regular literary societies, there are groups of students organized for special study. There are agricultural and engineering societies, a glee club, and a Cercle Français. Student activity further manifests itself in certain publications, such as the University Weekly, a paper devoted to the current news of the University, and the Cardinal.

Christian Influences

While the University is non-sectarian, its teachers and the pastors of the various churches of Fayetteville are diligent in looking after the moral and spiritual welfare of the students. Regular chapel exercises are held. In many cases professors are teachers in the Sunday Schools of their respective churches. The students maintain a strong Y. M. C. A. and Y. W. C. A. Bible classes and prayer meetings are held weekly. Rooms in University Hall have been equipped for the two associations. Paid secretaries are maintained.

Athletics

Manly sports are encouraged at the University, so long as they do not interfere with studies or other duties. The athletic association is composed of baseball, football, basket ball, tennis and track teams. The teams are allowed to be absent from the University for a limited number of days each year for the purpose of playing games with the teams of other institutions of learning.

The University employs a Director of Athletics who coaches the various teams and looks after the physical welfare of the students.

DAIRY BUILDING

Enrollment

The past year 922 students were enrolled in the University at Fayetteville. These students represent almost all the counties in Arkansas and twelve states and foreign countries. The Medical and Law School at Little Rock and the Branch Normal College at Pine Bluff matriculated 338 students, making a grand total of 1,260. While the abolition of the preparatory department has reduced the total enrollment, the number of college students has materially increased. The student body is maturer in character and scholarship.

Employment for Students

Many students work their way through the University by finding employment in the different departments of the institution and in the various business houses in Fayetteville. The legislature often appropriates liberally for this purpose, and when funds are available, deserving young men and women are given help according to the time they have for student labor. The University strives to assist in every way possible the worthy boy or girl in getting an education. A student's standing and social position in the institution are not affected by his bank account. Among the strongest in every graduating class are men and women who have worked their way through college. The University is a true democracy; it recognizes no aristocracy except brain and character.

Free Tuition—Expenses

It is the object of the University to give the best possible education at the lowest possible cost. Tuition is free to all students of both sexes except in music and art. Appointment as a beneficiary student should be secured from the local county judge, but may be had from the President upon arrival in Fayetteville. A matriculation fee of $10.00 and an infirmary fee of $2.00 are charged all students upon admission. The following estimate will aid students in determining their expenses for the year:

	Low	Medium	Liberal
Uniform	$ 18.00	$ 18.00	$ 18.00
Board and Laundry	122.00	153.00	174.00
Books, etc	10.00	15.00	20.00
Matriculation	12.00	12.00	12.00
Room	10.00	45.00	72.00
	$172.00	$243.00	$296.00

Students vary so in habits and temperament that it is impossible to place satisfactory estimates on incidentals, clothing, etc. It depends practically on the student himself as to what his expenses will be. Students should bring with them other funds sufficient to pay the matriculation and infirmary fees ($12.00), board for one month and $10.00 or $15.00 for books and incidentals. In addition, those expecting to board in the dormitories should bring the dormitory fee, which is $5.00 per term, provided this has not already been paid.

Dormitories

The University has three dormitories for young men and one for young women. All students rooming in these dormitories pay a fee of $10.00 for the year for a room. Table board is furnished at cost. The rooms in the men's dormitories are unfurnished, but suitable furniture may be rented or purchased cheaply and sold again at a slight reduction. The rooms in the women's dormitory are partly furnished, but the occupants must supply their own bedding, towels, etc. As the demand for rooms always exceeds the supply, those who desire to be certain of securing them should remit the fee of $10.00 for the year to Mr. L. I. Anderson, Fayetteville, Ark., on or before September 1st. The cost of board, light, heat and laundry at the boys' dormitories during the past year averaged $13.68 per month; and for the young women, including light and heat, $14.46.

Rhodes Scholarships

In accordance with the will of the late Cecil Rhodes, scholarships in Oxford University, England, are offered in two of every three years to the citizens of each state and territory of the United States. These scholarships pay the holder $1,500.00 per year, and are tenable for three years. The University of Arkansas offers excellent opportunities to young men desiring to prepare for the examinations for the Rhodes scholarships. All of the Rhodes scholars from Arkansas except one have been students of the University. All University students, save one, who have been candidates for these scholarships have passed the examinations successfully, while only one other person from the entire state has ever passed.

University of Arkansas

Courses of Study

The University courses of study are by far the most comprehensive in the State. Courses are offered in the following subjects: Greek, Latin, English, German, French, Spanish, Italian, mathematics, astronomy, history, political science, elementary law, economics, sociology, philosophy, pedagogy, chemistry, physics, biology, geology, mineralogy, mining engineering, mechanic arts, civil, electrical and mechanical engineering, agronomy, plant pathology, animal husbandry, dairying, entomology, veterinary science, horticulture, military science and tactics, music, elocution, oratory and physical culture. Full descriptions of these courses are given in the annual catalogue, which may be had upon application to the President.

Department of Fine Arts

The University maintains a comprehensive department of Fine Arts. The director, Mr. Henry Doughty Tovey, is assisted by nine other teachers. Courses in piano, pipe-organ, violin, voice, musical history, harmony, accompaniment, normal work, art, elocution and physical culture are offered.

VIEW FROM THE TOWE

Military Department

The head of the military department is an officer of the United States Army, detailed by the War Department for duty at the University. All male students, not physically disabled, are required to take the practical course in military science, including infantry drill, target practice, guard duty and various other exercises. The

cadet band, of thirty pieces, receives instruction three times a week and takes part in all the military ceremonies. The three students of the Senior class having the highest grade of merit in this department are reported to the Secretary of War. The President of the United States, in appointing officers from civil life, gives preference to those whose names are so recorded.

Ten cadet officers of the Cadet Battalion of the University, who were members of the graduating class for the year 1912, were comsioned by the Adjutant-General of the State.

The College of Agriculture

The College of Agriculture, with the Experiment Station, is one of the main divisions of the

OF UNIVERSITY HALL

The Adjutant-General of the State of Arkansas has decided to issue commissions as second lieutenants to all of the cadet officers of the University of Arkansas, at the time of their graduation, and to place them on the Supernumerary List of the Arkansas National Guard, with a view to their being absorbed into the Guard, with this rank, as rapidly as may be practicable.

University and is composed of the nine following departments: Bacteriology, plant pathology, horticulture, veterinary science, animal husbandry, extension, agronomy, entomology and agricultural chemistry. The work of the college consists of three general lines—investigation of new agricultural problems, teaching and extension work in the form of farmers' institutes, demonstration work, etc.

INFIRMARY

The results of investigations are embodied in bulletins, which are sent free on application. The extension work consists of sub-station work, live-stock sanitation, individual co-operation with farmers, correspondence courses in agriculture, exhibits at fairs, farmers' institutes and agricultural trains. A four years' course leading to the degree of Bachelor of Science in Agriculture is offered.

Elective System

In the courses leading to the technical degrees almost all the work is prescribed. In the College of Liberal Arts and Sciences the limited elective system prevails. While the candidate for the B. A. degree is allowed some liberty in selecting his work, the Classification Committee has discretionary power, and his classification is subject to the committee's approval.

Admission by Certificate and by Examination

A student coming from a college or an accredited high school will bring a certificate signed by the principal, giving in detail the work completed by him. Blank certificates may be had by applying to the President's office. Such certificates will admit the student without examination. Diplomas of graduation will not be accepted in lieu of certificates. A student under twenty years of age and coming from a high school within the State, not being a graduate of said school, should bring a recommendation from the principal, superintendent or board of said school, advising that he be admitted. For the benefit of students coming from non-accredited schools, entrance examinations are held at the University September 18 to 21.

No Preparatory Department

The University has no preparatory department. The whole field of preparatory or secondary school work is left to the high schools of the State. With the high school the University proposes to keep faith; with them it is in no sense a rival nor does it compete. Upon the high schools the University is dependent for students. Next September will be our first opening when we shall not receive into our Freshman class the graduating class of the preparatory department of the previous year.

Freshman Entrance Requirements

For unconditional entrance to the Freshman class of any course, a student will be required to present fourteen entrance units. Students who desire to enter the regular courses, but are deficient in entrance requirements, may enter and be classified as conditioned students, provided their deficiencies do not exceed three units. A unit is the equivalent of a high-school subject pursued nine months, daily recitations of forty minutes' duration. All students entering as full Freshmen must offer three units in English, two in algebra, one in plane geometry and eight other units. The candidate for the B. A. or Normal course must offer three units in foreign language, at least two of which must be in one language, and one and one-half units in history, including general or ancient history. Engineering or agricultural students are required to offer one unit in physics.

Students proposing to enter in September should send at once to the Chairman of the Accredited School Committee, Fayetteville, Arkansas, certificates signed by high school principals, giving in detail the work completed by them. The certificates will be examined and reports on same will be sent to the students if desired.

Special Students

Persons not able to meet the regular entrance requirements may be admitted and classified "special" in the regular degree courses, provided they are twenty years of age and prepared to do satisfactory work in the subjects proposed to be taken; such persons, though only eighteen years of age, may be admitted as special students in music, art and short courses in engineering and agriculture. All entrance deficiencies may be removed after entering the University.

Degrees and Certificates

The University confers upon those who complete the respective courses, bachelors' degrees in arts, science (in agriculture, chemistry, physics), civil, mechanical, electrical, chemical

THE THREE DORMITORIES FOR MEN

VIEW FROM MAIN ENTRANCE TO UNIVERSITY HALL

and mining engineering, and masters' degrees in arts, science, civil, mechanical, electrical and chemical engineering. Certificates are granted to those who complete short courses in mechanical engineering, the normal course ending with the completion of the sophomore year, and the course in music.

Normal Certificate

The normal certificate just mentioned entitles the holder to teach anywhere in the State for six years without examination, and then, upon approval of the State Superintendent of Public Instruction, it may be converted into a life certificate. The normal work taken for this certificate may also be counted toward the B. A. degree. Students who plan to make teaching in the public schools a life work would do well to elect their work so as to obtain the B. A. degree and the L. I. certificate.

Employment Bureau

An employment bureau is maintained so as to secure suitable positions for students and to aid principals and superintendents in finding acceptable teachers for their schools. The demand for University graduates in arts, science, normal and engineering courses exceeds the supply. Any request addressed to the Employment Bureau, University of Arkansas, will receive immediate attention.

Relation to the Public

The University is at the head of the educational system of the State. It is striving to establish the closest relations with the secondary schools. Its policy is not only to foster higher education, but to strengthen and energize in every way the public school system of the State. High schools are encouraged to seek accredited relations with the University, and, where practicable, its representatives will make friendly visits to such schools. The University also feels the friendliest interest in all private and denominational academies and colleges. The strong ties of friendship formed in the University of Arkansas are helpful to every young man and young woman who intends to live in the State.

University Men in Public Life

While many of the alumni and former students of the University are meeting with success in the professions and in business, the part that has been and is now being played by them in the public life of the State and nation is noteworthy. Alumni and former students are to be found in the United States Senate and House of Representatives, on the Supreme Bench of Arkansas; in the offices of Governor, attorney-general, chancery and circuit court judges and prosecuting attorney. Some of these entered the University as poor boys and worked their way through. The educational benefits they received at Fayetteville paved the way, in large part, for their future success.

Co-education

Young women are received upon the same terms as young men. Special advantages are now offered the former. A dormitory for young women has been erected on the campus at a cost of $40,000.00. It is superintended by a competent matron. Courses adapted to young women are provided in music, elocution, art, normal work, physical culture, history, English and foreign languages.

Time to Enter

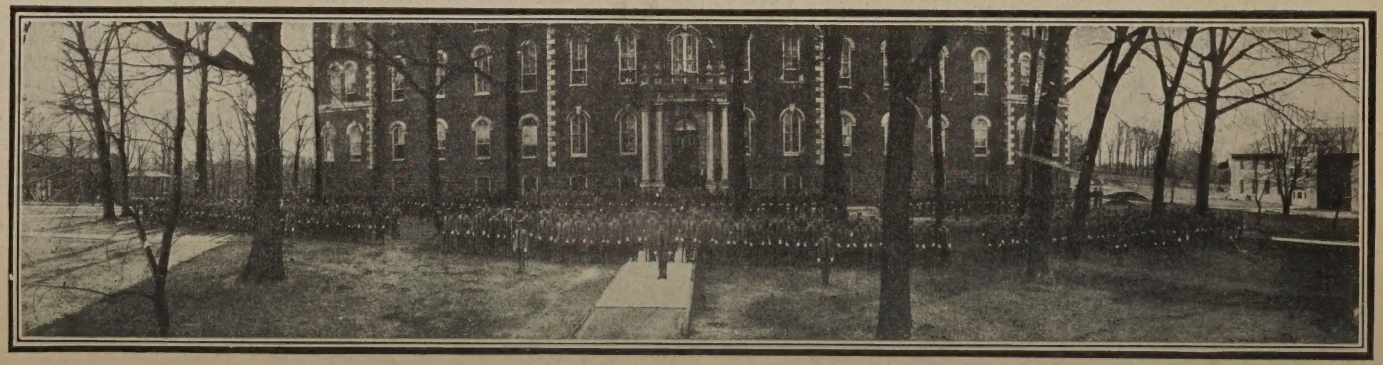
The next session of the University will begin September 18, 1912. The second term will begin February 11, 1913. Candidates for admission are urged to be present at the beginning of the session. Those who can not come at the beginning will be received at any time.

FOR FURTHER INFORMATION, ADDRESS

PRESIDENT'S OFFICE

FAYETTEVILLE, ARKANSAS

FOOTBALL GAME



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ATHLETIC FIELD

VIEW FROM THE HOSPITAL

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